

SITE INSPECTION WORK PLAN

FOR:

Peterson/Puritan Co.

ILD 082089012

PREPARED BY

PRE-REMEDIAL UNIT
DIVISION OF LAND POLLUTION CONTROL
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794

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I. SITE INFORMATION

I. GENERAL

Site Name: Peterson/Puritan Co.

ILD# 082089012

Site Location: Route 114 east of Momence,

LPC# 0910605001

Kankakee County, Illinois.

Work plan prepared by:

Robert L. Casper

Estimated inspection date: April 21 and 22, 1992

Work plan approved
by:

Alan Altman

II. THE ASSIGNMENT (briefly describe the objectives of the inspection and how they are going to be accomplished).

The purpose of a Screening Site Inspection is to document site
contamination and identify the potential migration pathways contaminants
may be transported. Groundwater and soil/sediment samples will be
collected during the SSI to be used to evaluate the impact of
contamination.

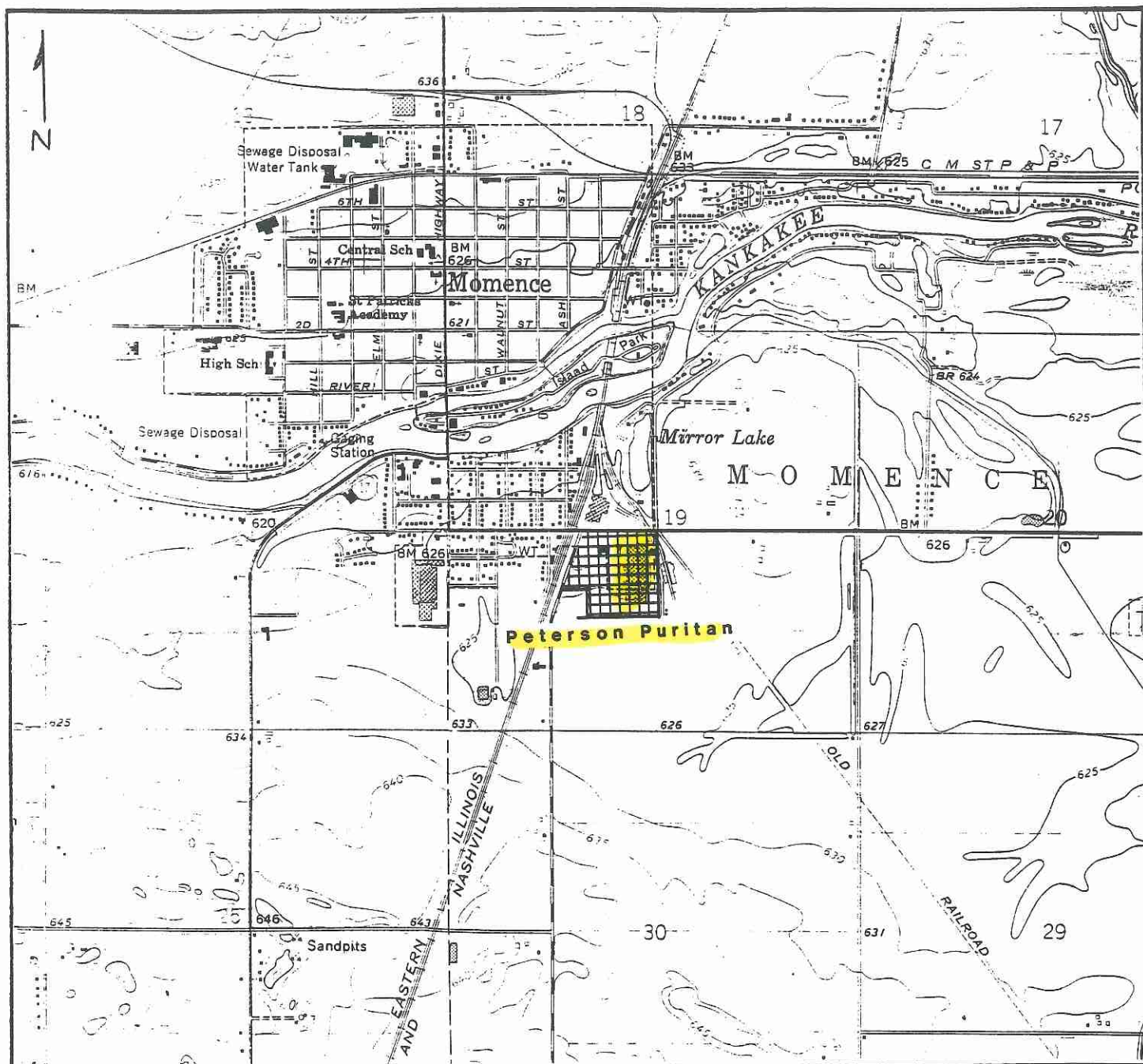
III. SITE DESCRIPTION (briefly describe the site, including location, unique geological features, source(s) of contamination, methods of disposal and current status of activities).

Peterson/Puritan Company, located on Route 114 east of Momence, Illinois
is an inactive 14 acre site that contains approximately 211,000 square
feet of manufacturing and storage area that is under roof. From 1952 to
1982 operations at the site consisted of the formulating and packaging of
various aerosol products including hair spray, shaving cream, liquid soap,
and deodorant. Facilities used on-site included various mixing and

production areas, warehousing areas, truck loading bays, a rail siding, above ground storage tanks, and a lagoon immediately south of and adjacent to these storage tanks. Production and packaging equipment, including above ground storage tanks, were removed at the time aerosol packaging operations were discontinued. The plant is presently vacant. Past events that are believed to have contributed to soil and groundwater contamination include the piling of waste cans in front of the building during the years of operation. It is believed that a number of truckloads of waste cans have been buried in various location around the area. Spills and leaks from the above ground tank farm appear to have been directed to a lagoon, which was approximately 100 feet long by 30 feet wide by 6 feet in depth.

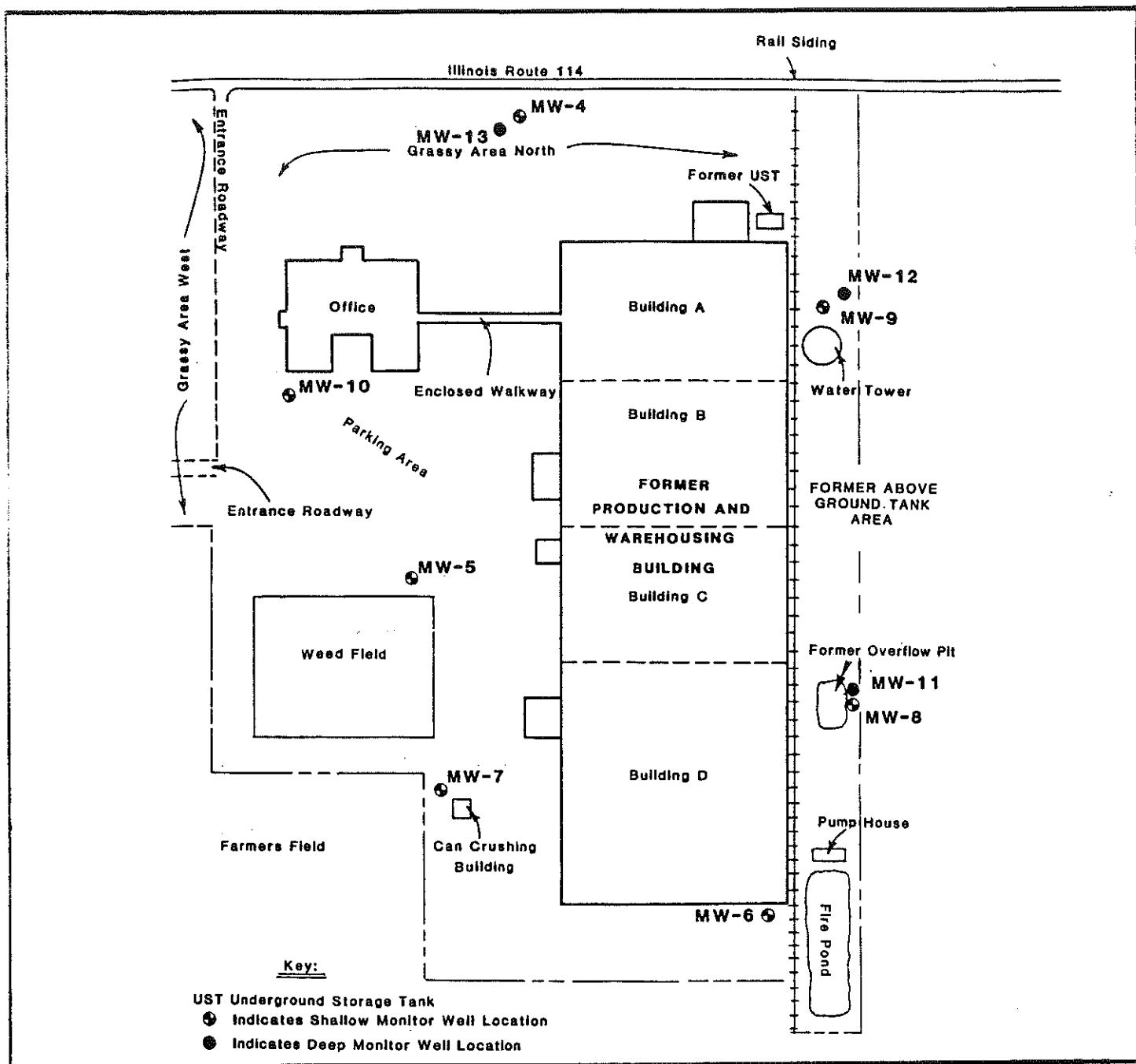
IV. SITE HISTORY (briefly describe the history of the site including previous owners, reported injuries, complaints, govt. action).

The site was farmland until the property was purchased in April, 1952 by Carter Products for the purpose of constructing a manufacturing facility. Carter Products constructed the buildings and operated the company from 1953 until 1975. In November, 1976 Peterson/Puritan purchased the facility from Carter-Wallace and operated the company until closing in 1982. On November 11, 1983 Brodson Properties purchased the property with the intent of selling it. During an environmental investigation conducted in 1989 by Dames and Moore contamination of soil and groundwater by volatile organic compounds was discovered.



Source: IEPA Base Map: USGS, Momence, IL. 1973. 7.5 minute quadrangle

AREA MAP



SITE MAP

II. SAFETY CONSIDERATIONS

- I. PHYSICAL HAZARDS AT SITE (briefly describe any physical hazards that the inspection team may encounter at the site).

The sampling points that are off of the sites' boundaries may be near areas of vehicular traffic so due diligence must be observed. The site is flat but some off-site samples may be taken from areas that contain brush or irregular terrain. Other factors, such as cold or thunderstorms, are a possibility with precautions taken to prevent any problems from these factors.

- II. CHEMICAL HAZARDS AT SITE (briefly identify those chemicals that are known or are suspected to be present, include their state and physical characteristics).

Chemicals suspected to be present on site are organic chemicals associated with the formulating and packaging of various aerosol products. These include chlorinated volatile organic compounds such as tetrachloroethene, 1,1,1-trichloroethane, and associated degradation products. These compounds may be found in soil/sediment or in groundwater samples.

- III. DERMAL AND RESPIRATORY PROTECTION (identify the level of personal protection that will be used, including anticipated modifications).

Level D protection will be used at all times, with continuous air monitoring during the sample collection. If an increase occurs, the following will be implemented:

0-5 units over background Level C

5-50 units over background Level B

50-500 units over background Level A

IV. EMERGENCY INFORMATION

Nearest Hospital: St. Mary's Hospital (Phone) 815-937-2490

Hospital Location: 500 West Court Street
Kankakee, Illinois

Ambulance Service: Henson/St. Mary's Ambulance (Phone) 815-937-0000

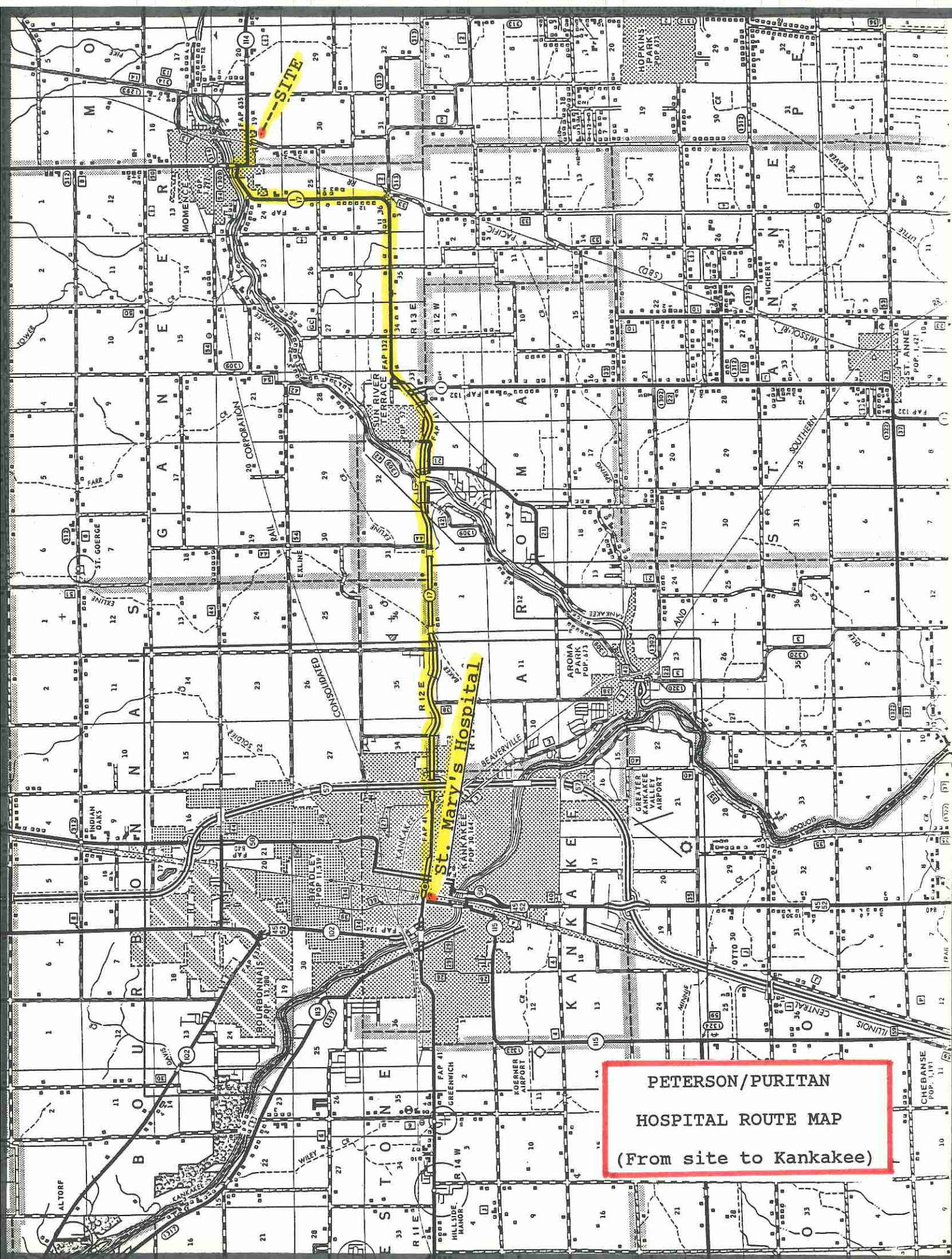
Fire Service: Momence Fire Department (Phone) 815-472-2421

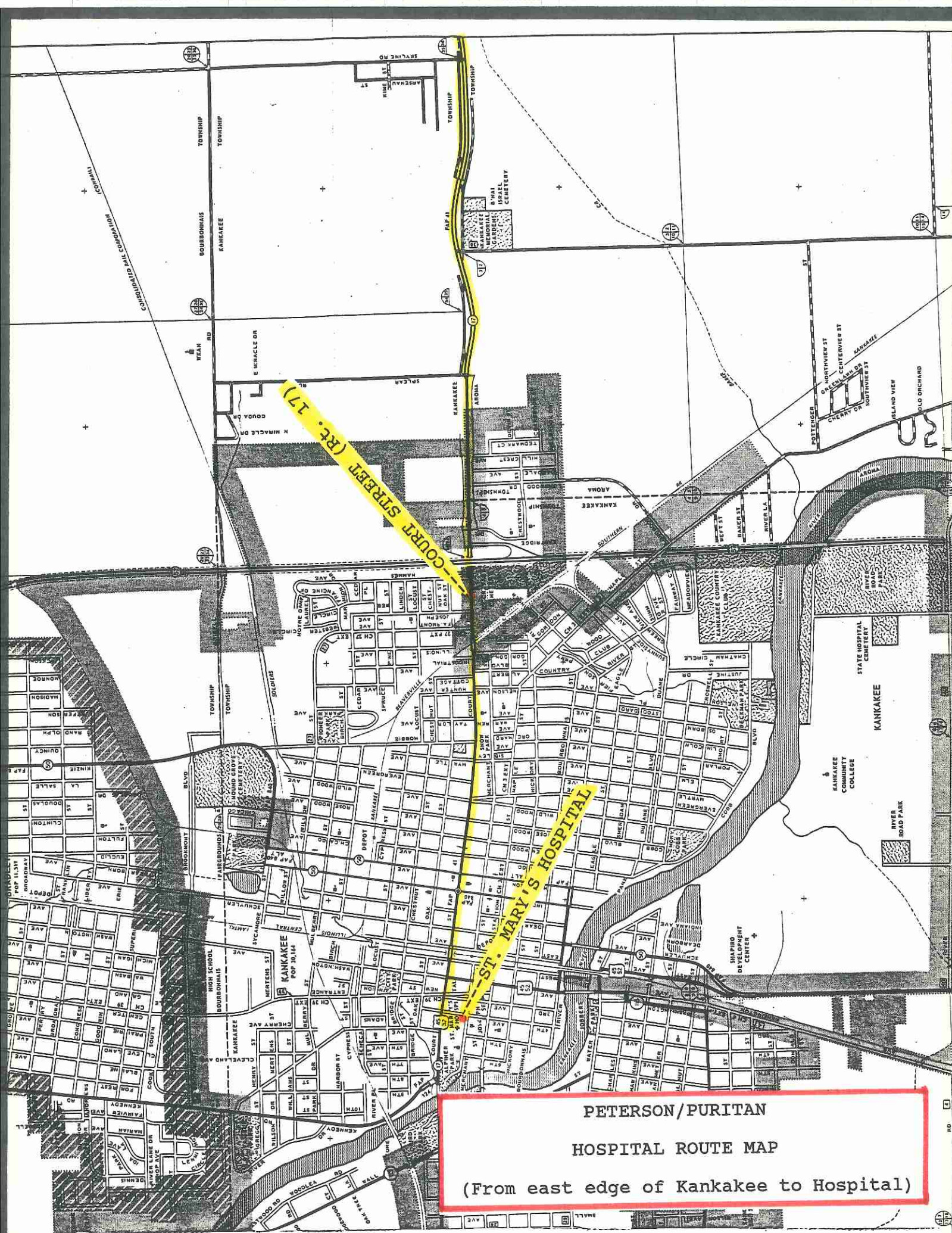
Police: Momence Police Department (Phone) 815-933-3324

III. FIELD ACTIVITIES

I. TEAM ASSIGNMENTS

NAME	Responsibility
<u>Robert Casper</u>	<u>Project Manager</u>
<u>Greg Dunn</u>	<u>Safety Officer/Sampler</u>
<u>Al Kirwan</u>	<u>Sampler</u>
<u>Bruce Ford</u>	<u>Sampler</u>





PETERSON/PURITAN
HOSPITAL ROUTE MAP
(From east edge of Kankakee to Hospital)

II. FIELD WORK PROPOSED
(check all that apply)

<u>Activity</u>	<u>Procedures</u>
<u>X</u> Ambient Air Sampling (OVA,HNU,etc.)	IEPA Methods Manual pp.19-23
<u>X</u> Groundwater Sampling	IEPA Methods Manual pp.1-5
<u> </u> Surface Water Sampling	IEPA Methods Manual pp.6-10
<u>X</u> Soil/Sediment Sampling	IEPA Methods Manual pp.13-18
<u> </u> Tap Water Sampling	IEPA Methods Manual pp.11-12
<u> </u> Slope Determinations	IEPA Methods Manual pp.24-25
<u>X</u> Water Level Measurements	IEPA Methods Manual p.31
<u>X</u> Perimeter Survey	IEPA Methods Manual p.33
<u>X</u> Site Inspection	IEPA Methods Manual pp.34-39
<u> </u> Soil Borings/Well Installation	IEPA Methods Manual pp.26-30
<u>X</u> Public Interviews	IEPA Methods Manual p.40
<u> </u> Groundwater Flow Determination	IEPA Methods Manual p.32
<u>X</u> Decontamination Procedures	IEPA Methods Manual pp.41-56
<u> </u> Others:	_____

IV. SAMPLING

I. PROCEDURES (briefly describe the procedures the inspection team will employ in their collection of environmental samples).

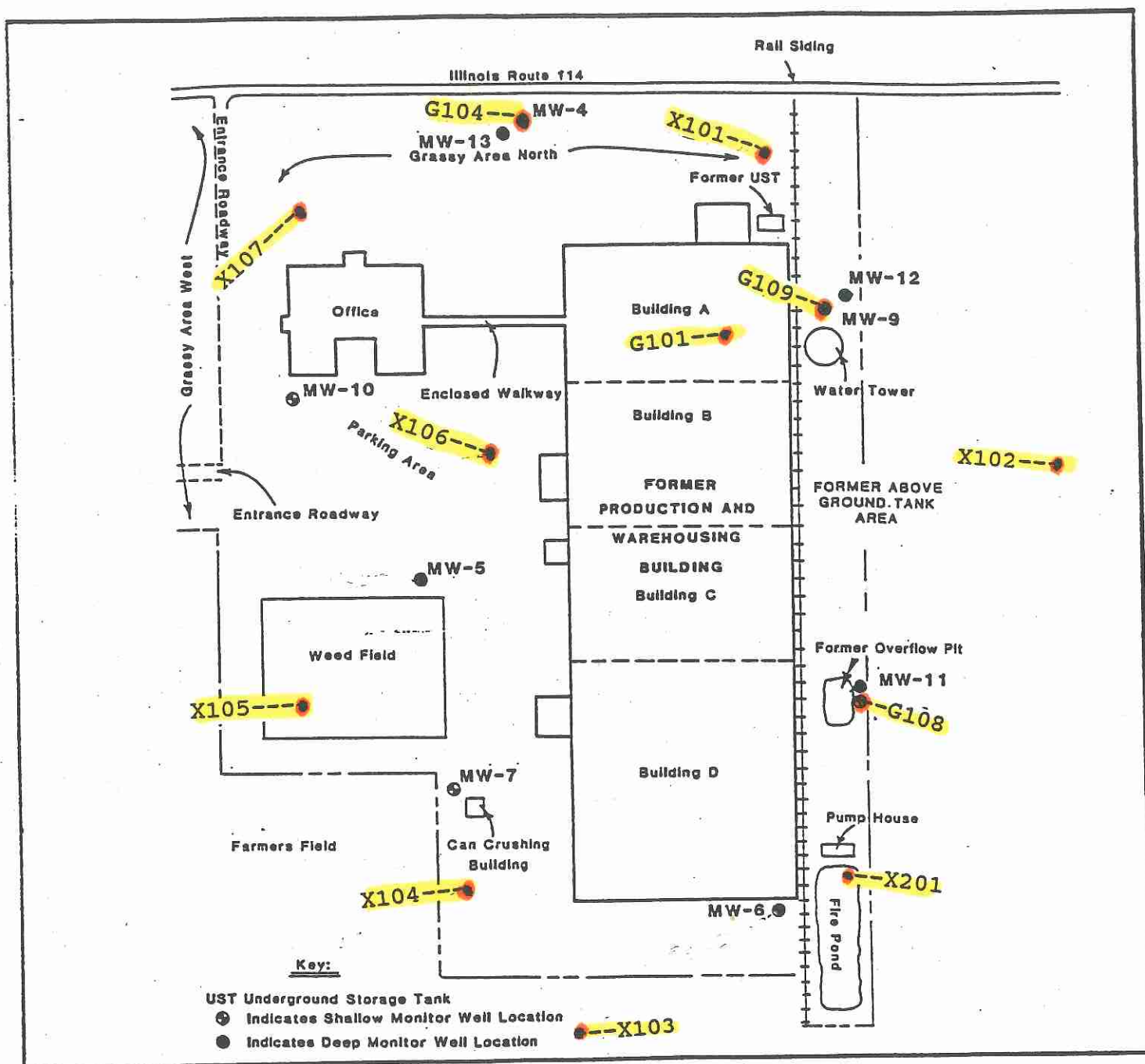
All samples will be collected in accordance with the Illinois
Environmental Protection Agency's Site Inspection QAPP. Monitor
wells samples will be collected with teflon bailers and the soil/
sediment samples will be collected with stainless steel spoons or
trowels.

II. LOCATION OF SAMPLES (identify the number of samples, their type and their location. The attached map should identify these locations).

<u>Sample #</u>	<u>Type</u>	<u>Location</u>	<u>Justification</u>
<u>G101, G104, G108, G109.</u>	<u>Groundwater</u>	<u>On-site</u>	Shallow monitoring wells that have shown past contamination.
<u>G201-202</u>	<u>Groundwater</u>	<u>Off-site</u>	Private residential wells to find if contamination has traveled off-site.
<u>G203</u>	<u>Groundwater</u>	<u>Off-site</u>	Private well for background sample. Well in the past has shown no VOC contamination.
<u>X101-X107</u>	<u>Soil</u>	<u>On-site</u>	Samples will be screened with an HNU to determine if contamination exists in the shallow soil.
<u>X108</u>	<u>Soil</u>	<u>Off-site</u>	Background sample.
<u>X201</u>	<u>Sediment</u>	<u>On-site</u>	On-site fire pond is classified as a wetland. Also to find out if pond has been used for dumping of wastes.

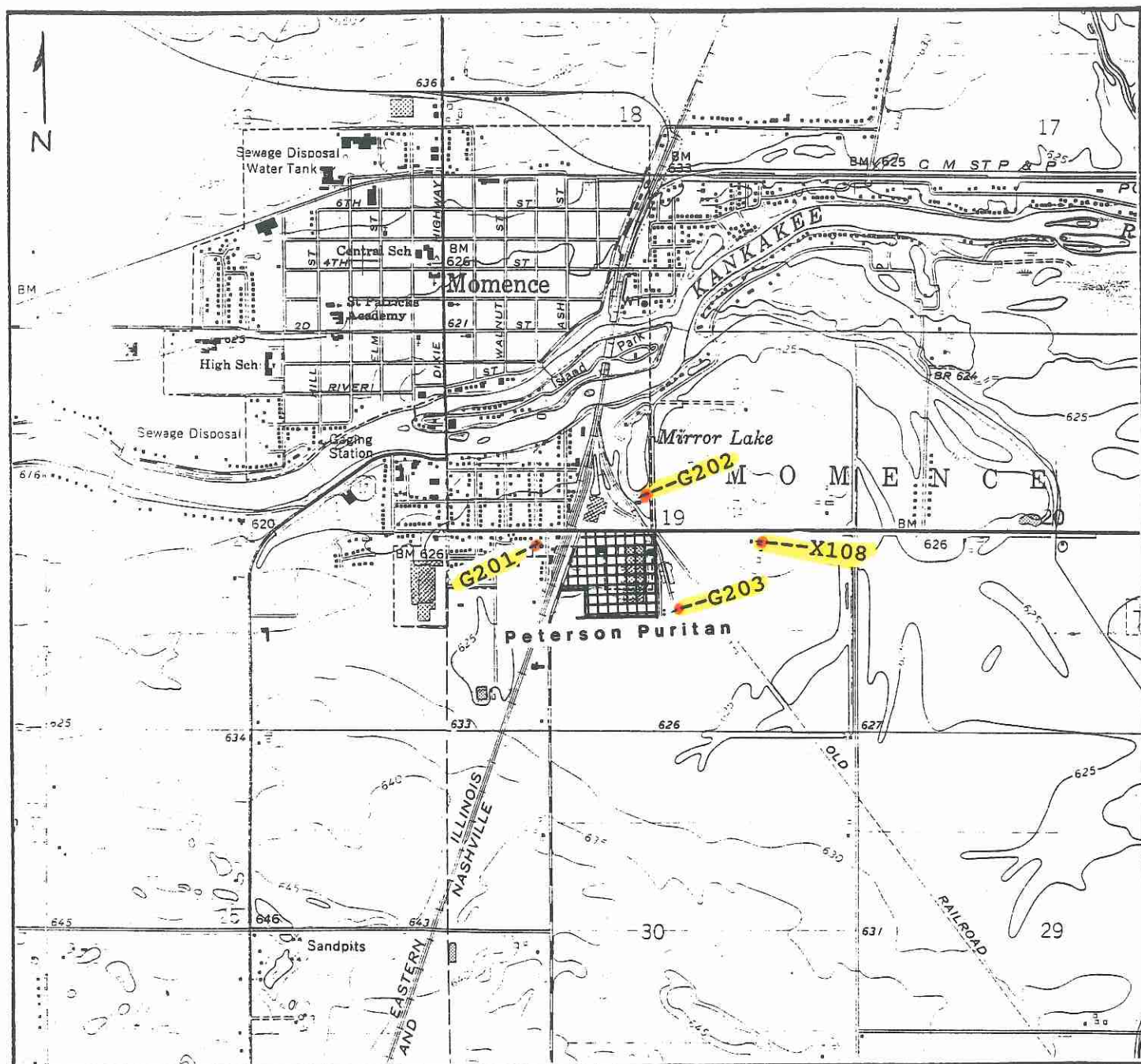
III. ANALYTICAL SERVICES (identify the laboratory that will perform the analysis of the samples taken at the site, include requested analysis)

The target compound list will be run on all samples. All organic and inorganic samples will be analyzed by Weston/Gulf Coast Lab, 2417 Bond Street, University Park, Illinois 60461.



PETERSON/PURITAN

SAMPLE LOCATION MAP
(Onsite)



Source: IEPA Base Map: USGS, Momence, IL. 1973. 7.5 minute quadrangle

PETERSON/PURITAN

SAMPLE LOCATION MAP
(Offsite)

ATTACHMENT I

RECORDS AND DOCUMENTATION (Check the records or documents that will be generated during this project)

<u> X </u>	Work Plan
<u> X </u>	Safety Plan
<u> X </u>	Sampling Plan
<u> X </u>	Equipment Checklist
<u> X </u>	Log Book
<u> X </u>	Chain of Custody Records
<u> X </u>	Sample Analysis Records
<u> X </u>	Photographs
<u> </u>	Drilling Logs
<u> X </u>	Correspondence
<u> X </u>	Personal Interview Tapes or Transcripts
<u> X </u>	Maps
<u> X </u>	Instrument Calibration Records
<u> </u>	Procurement Documents
<u> X </u>	Site Inspection Form (2070-13)
<u> X </u>	HRS Scoring Package
<u> </u>	Other (specify)
<u> </u>	Other (specify)